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सं० 14] नई दिल्ली, शनिवार, अप्रैल 2, 1988 (चैत्र 13, 1910)
No. 14] NEW DELHI, SATURDAY, APRIL 2, 1988 (CHAITRA 13, 1909)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III--खण्ड 2

[PART III--SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office Relating to Patents and Designs]

THE PATENT OFFICE

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1-7G1/88

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CORRIGENDUM

Form 28, Section 62 of the Designs Act, 1911

The name of the Registered Proprietors in respect of Registered Design Nos. 156762 to 156765 have been corrected as RADIOHMS INVESTMENT AND TRADING CO. PVT. LTD.

GOVERNMENT OF INDIA
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CORRIGENDUM

In the gazette of India Part III Section 2 dated the 23rd January, 1988 under the heading "NO. PATENT" delete 15667, 156168 after 156131 and 156264 156328 after 156263.

REGISTRATION OF PATENT AGENTS

The following person has been registered as Patent Agent :—

Jyoti Gupta,
No. 6, State Entry Road,
New Delhi-110 055.

The 24th February, 1988

- 162/Cal/88. Toiminimi Kone-Sampo. Power Aggregate.
- 163/Cal/88. Rabindra Kumar Debgupta. A power transmission device.
- 164/Cal/88. Toyo Engineering Corporation. Process for the hydrolysis of urea in dilute aqueous urea solution.
- 165/Cal/88. Westinghouse Electric Corporation. Improvements in or relating to high temperature gas cleaning in municipal solid waste incineration systems.
- The 25th February, 1988
- 166/Cal/88. Lindauer Dornier Gesellschaft m.b.H. Method of making a terrycloth fabric; and weaving loom carrying out the method.
- The 26th February, 1988
- 167/Cal/88. Phillips Petroleum Company. Composition for use in subterranean recovery of oil and gas.
- 158/Cal/88. Intent Patents A.G. Self-regulating no load protected electronic blast system.
- The 29th February, 1988
- 169/Cal/88. Mr. Sudhangsu Saha. Solar Distiller.
- 170/Cal/88. Bigotec AG. A device for the protection of walls and fences against unauthorized crossing.
- 171/Cal/88. Veb Silikatwerk Brandis. Rapidly solidifying alumina containing refractory concrete.
- 172/Cal/88. Krone Aktiengesellschaft. Cutting/clamping sleeve contact.
- 173/Cal/88. Krupp Widia GMBH. Tool Coupling.
- 174/Cal/88. NGK Insulators, Ltd. High strength porcelains for use in insulators and production thereof.
- 175/Cal/88. Trade & Industry Private Limited. Improved method of processing tea in cts machine, and improved ctc machine therefor.
- 176/Cal/88. Trade & Industry Private Limited. Improved cts machine. [Divisional date 30th March, 1987].

The 1st March, 1988

- 177/Cal/88. Punya Brata Chaudhuri. A method of re-treatment of agricultural residues.
- 178/Cal/88. Elizabeth May Dowling. Optoacoustic Spectroscopy. (Convention date 3rd March, 1987 and 29th December, 1987) both are Australia.
- 179/Cal/88. Noel Caroll. Cyclone Separator. (Convention date 3rd March, 1987 and 19th January, 1988) both are Australia.
- 180/Cal/88. Trutzschler Gmbh & Co. Kg. The device for the improvement of carding process of a carding machine or a carding engine.
- 181/Cal/88. Trutzschler Gmbh & Co. Kg. The device of a carding machine.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110005

The 25th January, 1988

- 60/Del/88. The Halcon SD Group, Inc.. "Process for preparing silver catalysts". [Divisional date 23rd April, 1985].

The 27th January, 1988

- 61/Del/88. National Council for Cement and Building Materials, "A bag for packaging of cement and other fine powders".
- 62/Del/88. Gadgil and Associates, "An air cooler".
- 63/Del/88. Tata Energy Research Institute and another. A fixed mirror line focus solar concentrator with cylindrical mirror elements and method of making the same with stretched tapes".
- 64/Del/88. Pfizer Inc.. "Arylpiperazinyl-ethyl (or butyl)-phenyl-heterocyclic compounds".
- 65/Del/88. Babcock Energy Ltd.. "Apparatus for stowing and deploying stores from air and marine craft". (Convention date 26th January, 1987. 3rd; 17th; & 18th August, 1987 (U.K.).
- 66/Del/88. Exxon chemical patents Inc.. "Crude and heavy fuel flow improvers". (Convention date 29th January, 1987) (U.K.).
- 67/Del/88. Pfizer Inc.. "Anhydrous, crystalline sodium salt of 5-chloro-3-(2-thienoyl)-2-oxindole-1-carboxamide".
- 68/Del/88. APS HVBD NR etc., "System for removal of nail lacquer".
- The 28th January, 1988
- 69/Del/88. Exxon Chemical Patents, Inc.. "Catalysts, method of preparing these catalysts and method of using said catalysts".
- 70/Del/88. Societe Generale Des Eaux Minerales De Vittel, "Packaging liquids".
- 71/Del/88. Lucas Industries Public Ltd. Co.. "An automatic adjuster for a vehicle shoe drum brake". (Convention date 3rd February, 87) (U.K.).
- 72/Del/88. Bo Andreasson, "An improved piling method".

The 29th January, 1988

- 73/Del/88. Council of Scientific & Industrial Research. "A process for the synthesis of novel 2-substituted-1, 2, 3, 4, 6, 6a, 7, 11bb, 12, 12a-decacydropyrazino (2', 1'; 6, 1)-Pyrido(3, 4-b) indoles".
- 74/Del/88. National Council for Cement and Building Materials, "A process for preparation of calcium silicate hydrate products".
- 75/Del/88. The Lubrizol Corporation, "Lubricating oil compositions containing multi functional additive component".
- 76/Del/88. Centre Technique Ouir Chaussure Moroquinerie. "Biologically stabilized and untanned hides and process for obtaining these hides".

The 29th January, 1988

- 77/Del/88. The Governor and Co. of the bank of England. "A method of representing in signal form a given pixel of an image" (Convention date 22nd June 1984) (U.K.). (Divisional date 19th June, 1985).
- 78/Del/88. Texas Instruments Incorporated, "Drum cell and method".
- 79/Del/88. Stein Industrie., "A device for fixing loops in a component of a heat exchanger constituted by tubes in which a fluid flows".
- 80/Del/88. AB Volvo Penta., "A bed structure for supporting engines and auxiliary units".

APPLICATION FOR THE PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET

BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI

The 1st February, 1988

- 81/Del/88. Silk Engineering (Debry) Limited., "Improvements in or relating to vehicle suspensions." (Convention date 4th February, 1987) (U.K.).
- 82/Del/88. Unisystems Private Limited, "A Board".
- 83/Del/88. Advisory Board of Energy & Nimbkar Agricultural Research Institute. "Lantern".
- 84/Del/88. CLE., "Improvements in or relating to method of crushing any mineral materials and plant for carrying out the method".
- 85/Del/88. Biolandes., "A process for the continuous hydro-distillation of plants and an apparatus for its implementation".

The 2nd February, 1988

- 86/Del/88. Associated Electronics Research Foundation., "14" Black and white TV chassis RFC-2 (Research Foundation Chassis-2).
- 87/Del/88. Associated Electronics Research Foundation., "B & TV chassis MK-III."
- 88/Del/88. Associated Electronics Research Foundation., "B&W TV chassis RFC-I (Research Foundation Chassis-1).
- 89/Del/88. Amoco Corporation., Laser having a substantially planar waveguide".
- 90/Del/88. Sanden Corporation., "Refrigerant compressor".
- 91/Del/88. Sanden Corporation., "Refrigerant compressor".
- 92/Del/88. Imperial Chemical Industries Plc., "A system for introducing additive into a container". (Convention date 12th February, 1987) (U.K.).

93/Del/88. Nordlys., "Sealing compound and its application in the cable industry".

94/Del/88. Warner-Lambert Company., "Process for insert molding disposable razor".

95/Del/88. Warner-Lambert Company., "Process for insert molding disposable razor".

96/Del/88. Sanden Corporation., "Refrigerant compressor".

The 3rd February, 1988

97/Del/88. SKF Industrial Trading and Development Company B.V., "Ceiling Fan".

98/Del/88. Autoipari Kutato Es Fejlesztó Vallalat., "Reciprocal carboxy containing interpolymers".

99/Del/88. Autoipari Kutato Es Fejlesztó Vallalat., "Reciprocating piston-type internal combustion engine with resonance charging".

The 4th February, 1988

100/Del/88. NL Industries Inc., "A method of producing a gelled water-in oil emulsion composition". (Divisional date 16th September, 1985). (Convention date 16th November, 1981) (U.K.).

The 5th February, 1988

101/Del/88. Rajvir Singh, "Solar collectors".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-13

The 6th January, 1988

1/Bom/88. Ramesh Kumar Jain. Improved baby chair-cum-cradle.

The 12th January, 1988

2/Bom/88. Bajaj Auto Limited. Split Type handle bar for two wheeler motor vehicles.

The 14th January, 1988

3/Bom/88. Sadanand Bhaskar Bagaitkar. A safety clamp for gas cylinder.

4/Bom/88. Baburao Girimallappa Tonannavar. Multi-fuel operated geyser-cum-water heater.

5/Bom/88. Dr. Naresh Satish Sharma. Improved post operative wound suction drainage apparatus.

The 15th January, 1988

6/Bom/88. Vipin Champsey Shah. More power efficient tungsten filament lamps which use filaments with a life-span twenty or more than twenty percent less than the life-span of filaments presently in use.

The 18th January, 1988

7/Bom/88. Karsan Ramjibhai Dholaria. A modified air cooling system.

8/Bom/88. Parle Products Private Limited. A pilfer-proof container and closure assembly.

9/Bom/88. Dr. Shantilal Keshavlal Sanghani. A device to convert forcible water flow energy into electric energy.

10/Bom/88. Karsan Ramjibhai Dholaria. An efficient wind mill.

11/Bom/88, Kishor Pandurang Bapat. An improved incandescent electric bulb.

3 claims

ALTERATION OF DATE

162129. Ante dated to 3rd October, 1981. (309/Cal/86).

162130. Ante dated to 21st December, 1983. (673/Cal/87).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS : 162115

Int. Cl. C 07 g 17/00.

METHOD FOR PURIFICATION OF HUMAN LEUKOCYtic INTERFERON.

Applicant : VSESOJUZY NAUCHNO-ISSLEDOVATELSKY INSTITUT OSOBO CHISTYKH BIOPREPARATOV, OF LENINGRAD, ULITSA PUDOZHSKAYA, 7, USSR.

Inventors :

1. ANATOLY MIKHAILOVICH PIVOVAROV,
2. LEONID PAVLOVICH KOROBITSKYN,
3. VLADIMIR ARTEMOVICH PASECHNIK,
4. JURY PETROVICH ZEROV,
5. SVETLANA VLADIMIROVNA SHATININA,
6. ALEXANDR KOLOSOVICH PASHKOVSKY,
7. NATALYA ANATOLIEVNA SCHEGLOVA,
8. ANATOLY PLATONOVICH SHARAPOV,
9. VLADIMIR ALEXEEVICH UDOVCHENKO.

Application No. 743/Cal/84 filed October 23, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A method for purification of human leukocytic interferon, comprising the steps of precipitating native proteins with ammonium sulphate, separating the protein precipitate, dissolving the separated precipitate, and gel filtering the end product, wherein, the precipitate is dissolved in buffer having a pH value in the range from 2.5 to 9.0 and containing disaggregating agent such as herein described and the same buffer is applied to the column, prior to gel filtration, in an amount of 3 to 5 per cent of the column volume.

Compl. Specn. 10 pages. Drg. nil.

CLASS : 62-E.

162116

Int. Cl. D 06 f 25/05.

MATERIAL TREATMENT APPARATUS.

Applicant & Inventor CYRIL JOHN WILLIAMS, OF 23 BORROW STREET, FREELING, STATE OF SOUTH AUSTRALIA.

Application No. 766/Cal/84 filed October 31, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 claims

Material treatment apparatus, said apparatus comprising a bowl or container, characterised by means to impart to the bowl or container an oscillatory vertical motion, and resilient means attached to the periphery of the bowl or container, the resilient means comprising a plurality of resilient straps extending from the bowl to a supporting structure, said resilient straps extending axially and inclined around the bowl in the same direction and suspending the bowl or container in such a way that the oscillatory motion is converted into a combined part rotary and vertical oscillatory motion by the suspension means.

Compl. Specn. 12 pages. Drgs. 2 sheets.

CLASS : 55-D₂; 60X₁.

162117

Int. Cl. A 01 n 9/02.

PROCESS FOR PREPARING AN INSECTICIDAL COMPOSITION.

Applicant : CHINOIN GYOGYSZER-ES VEGYESZETI TERMEKER GYARA RT. OF 1-5, TO UTCA, BUDAPEST IV, HUNGARY.

Inventors 1. DR. RUDOLF SOOS.

2. DR. REZSO KOLTA,
3. MRS. GANOVSKY NEE JOLAN GERGELY,
4. DR. EVA SOMFAI,
5. DR. GYULA ERDOS,
6. DR. AGNES KONEZ,
7. MR. ISTVAN KECSKEMETI,
8. DR. JOZSEF BOZZAY.

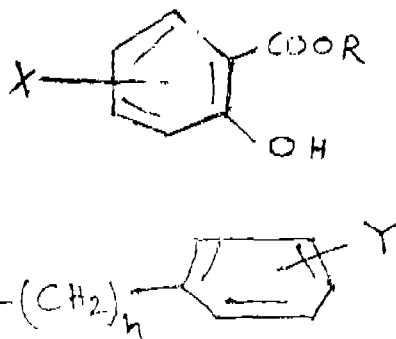
Application No. 814/Cal/84 filed November 27, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 claims

Process for preparing an insecticidal composition comprising admixing at least one pyrethroid compound as active ingredient and optionally further active ingredient(s) and additive(s) such as herein described characterized in that the composition comprises as photostabilizer and as synergistic component

a benzoic acid derivative of the general formula I of the accompanying drawing.



wherein R is hydrogen; C₁-20 alkyl; C₂-8 alkenyl; a group of the general formula $-(CH_2)_m H$ where m is 2 to 4; or a

group of the general formula II X and Y are hydrogen, halogen, nitro or C₁-4 alkyl and n is 0 to 6, which comprises admixing said pyrethroid compound(s) with said compound of formula I, in the ratio of 0.01—10 parts by weight of the compound of formula I per part of pyrethroid compound(s).

Compl. Specn. 29 pages. Drg. 1 sheet.

Class. 64-B.

162118.

Int. Cl. F 16 d 1/10.

ROD COUPLING FOR OIL WELL SUCKER RODS AND THE LIKE.

Applicant : RUDDY MELVIN BOWERS, OF 11385 NAYS HON COURT, CYPRESS, CALIFORNIA 90630, UNITED STATES OF AMERICA.

4

Inventor :

Application No. 331/Cal/85 filed April 30, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office, Calcutta.

5 Claims.

A coupling for joining solid reciprocating sucker rods to form a rod string in a well pump or the like comprising.

a unitary metal sleeve having an axial threaded bore and an irregular outer surface, and

a homogeneous and non-fibrous coating on said sleeve over said outer irregular surface providing an externally substantially cylindrical coupling, said coating comprising a flexible and abrasive resistant thermoplastic hydrourethane polymer on said irregular outer surface of said sleeve while in the molten state.

Compl. Specn. 8 pages. Drg. 1 Sheet.

CLASS : 55-E₂; 55-F.

162119

Int. Cl. C 07 c 103/52; C 07 g 7/00; A 61 k 23/00.

A METHOD OF PURIFYING A CONTAMINATED PROTEIN OR PEPTIDE PRODUCT PRODUCED BY rDNA TECHNIQUE.

Applicant & Inventor : STEFAN SVENSON, OF BRATNEVAGEN 12, S-122 43 ENSKEDE, SWEDEN.

Application No. 389/Cal/85 filed May 22, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims

A method of purifying a contaminated protein or peptide product produced by rDNA technique, characterized in that the contaminated product carrying hydrophobic contaminants which are charged and originate from the microbial cloning host employed is purified from said contaminants by electroseparation.

Compl. Specn. 12 pages. Drgs. 3 sheets.

CLASS :

162120

Int. Cl. C 10 c 1/00.

PROCESS FOR THE PURIFICATION OF TAR OF HIGH-TEMPERATURE CARBONIZATION OF BROWN COAL.

Applicant : VEB GASKOMBINAT SCHWARZE PUMPE, OF 7610 SCHWARZE PUMPE, PAUL-HORNING-RING, GERMAN DEMOCRATIC REPUBLIC.

Inventors : 1. DR. BERND BUTTKER,

2. REINER DOREFELD,

3. DR. KARL SOCHER,

4. DR. HANNES KUNERT,

5. WILLY SCHOLZ.

Application No. 601/Cal/85 filed August 20, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 claims

A process for purification of tars of high temperature carbonization of brown coals, specially of miocene brown coals, with dust contents of 3-15% in the continuous operation at simultaneous increase of thermal stability of the tars, wherein the main quantity of the dust and ash contents are separated from the said tars by means of horizontal spiral centrifuges with a length to diameter ratio of at least 4 at temperatures from 80—100°C, a long time thermal treatment between 120 and 240 hours results in a second step after heating up to approximately 90—150°C, whereby the formed products of polymerisation and polycondensation (aging products) deposit on fine grain and originally not sedimenting dust and ash particles still present in the tar and subsequently a sedimentation of the solid particles enlarged by deposited products results which is separated.

Compl. Specn. 9 pages. Drg. 1 sheet.

CLASS : 146-C.

162121

Int. Cl. G 12 b 1/00.

A SURFACE ACOUSTIC WAVE SIGNAL FREQUENCY APPARATUS.

Applicant : SCHLUMBERGER LIMITED, AT 277 PARK AVENUE, NEW YORK 10172, U.S.A.

Inventor : 1. BIKASH KUMAR SINHA, 2. MICHEL GUILLOU.

Application No. 1197/Cal/83 filed September 29, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 claims

A surface acoustic wave signal frequency apparatus comprising crystalline diaphragm section of piezoelectric material characterized by :

a curvilinear outer surface and a curvilinear inner surface, wherein :

one of said outer and inner surfaces is adapted for subjection to an applied pressure and the other of said outer and inner surfaces has at least a first area thereof having a selected orientation and being adapted for the fabrication of a surface acoustic wave device, and at least a second area thereof having an orientation substantially identical to the orientation of said first area and being adapted for the fabrication of a surface acoustic wave device.

a first portion of said diaphragm section between said surface adapted for subjection to an applied pressure and said first area having a first predetermined thickness; and

a second portion of said diaphragm section between said surface adapted for subjection to an applied pressure and said second area having a second predetermined thickness different than said first predetermined thickness.

Compl. Specn. 49 pages. Drgs. 12 pages.

CLASS : 131-B₃, 1. 162122
Int. Cl. F 21 b 3/00, 9/00; E 21 c 1/00.

APPARATUS FOR SPRAYING THE BITS AND/OR THE FACING WITH PRESSURIZED LIQUID AS WELL AS APPARATUS FOR PERFORMING THIS PROCESS.

Applicant : VOEST-ALPINE AKTIENGESELLSCHAFT, OF A-1011 VIENNA, FRIEDRICHSTRASSE 4, AUSTRIA.

Inventors :

1. HERWIG WRULICH,
2. ALFRED ZITZ,
3. OTTO SCHETINA,
4. FRANZ SCHOFFMANN.

Application No. 214/Cal/84 filed March 30, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims

An apparatus for intermittently supplying a cooling fluid to a cutting bit of a mining machine and to a mine face comprising a cutting arm having a non-rotating axial fluid supply bore, a plurality of first radial bores extending from the axial fluid supply and positioned in an arc, a rotating cutting axial fluid supply and positioned in an arc, a rotating cutting head having at least one second radial bore leading to a discharge port for directing cooling fluid to the mine face, the first radial bores being positioned in an arc about the supply bore, said arc corresponding to a contact area of the cutting head against the mine face, the second radial bore being positioned such that on rotation of the cutting head the second radial bore aligns sequentially with the first radial bores thereby imparting a pulsating fluid flow in an arcuate area corresponding to the mine face being cut.

Compl. Specn. 10 pages. Drgs. 2 sheets.

CLASS : 98-G. 162123

Int. Cl. : F 28 d 7/00.

APPARATUS FOR HEAT EXCHANGE.

Applicant : GEA LUFTKUEHLERGESELLSCHAFT HAPPEL GMBH & CO., OF 4630 BOCHUM, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. KIEMENS RUFF, 2. WINFRIED VOGES.

Application No. 328/Cal/84 filed may 14, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An apparatus for heat exchange, which is provided, in a housing, with a multiplicity of vertical heat exchanger tubes which are situated in a parallel position between an upper and a lower tube plate and through which impure waste gas flows, characterized in that a rinsing chamber, which can be fed with a cleaning fluid and which extends in the manner of a hood over a number of heat exchanger tubes, is arranged to be pressed with a hermetic effect against the upper tube plate.

Compl. Specn. 13 pages.

Drgs. 2 sheets.

CLASS : 206-E.

162124

Int. Cl. : H 03 k 3/64.

A COMMUNICATION SYSTEM CONNECTING A PLURALITY OF REMOTE STATIONS USING BYPASS CONTROL.

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, P. O. BOX 60035, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventors : 1. SATISH CHANDRA, 2. PHILIP C. DOLSEN, 3. GORDON R. HAMMON, 4. WILLIAM I. UREN.

Application No. 1394/Cal/83 filed November 14, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A communication system wherein signal is transmitted by means of high frequency bits to a plurality of stations connected in series in a communication loop, and means for bypassing and unbypassing a particular one of said stations comprising means for generating a D. C. pulse of forward or reverse polarity in the station next preceding said particular station, and means under the control of said D. C. pulses in said particular station operative to bypass the station by a forward polarity D. C. pulse and to unbypass the station by a reverse polarity D. C. pulse.

Compl. Specn. 9 pages.

Drsg. 1 sheet.

CLASS : 31-C.

162125

Int. Cl. : H 01 I 7/00.

METHOD OF MANUFACTURING A COMPOSITIONALLY VARIED MATERIAL.

Applicant : ENERGY CONVERSION DEVICES, INC., OF 1675 WEST MAPLE ROAD, TROY, MICHIGAN 48084, UNITED STATES OF AMERICA.

Inventor : 1. STANFORD ROBERT OVSHINSKY.

Application No. 1168/Cal/83 filed September 24, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

A method of manufacturing a compositionally varied material having a wide range of applications as herein described, the method comprising :

forming by methods described herein a matrix from a first atom or atoms or groups of atoms, said first atom or atoms or groups of atoms possessing a first set of physical properties;

introducing into said matrix as herein described a second atom or atoms or groups of atoms possessing a second set of physical properties, at least one property of said second set differing from a corresponding property of said first atom or atoms or groups of atoms; and

interacting as herein described said second atom or atoms or group of atoms with said first atom or atoms or group of atoms to form in said matrix a spatial pattern of substantially atomic size in at least one dimension thereof and at least one non-equilibrium disordered local environment, the relationship between said first matrix and said first and second atom, atoms or groups of atoms causing at least one physical property of the first atom, atoms or group of atoms to couple with or decouple from a corresponding property of the second atom, atoms or groups of atoms to form said compositionally varied material.

Compl. Specn. 29 pages.

Drg. 1 sheet.

CLASS : 98-G 1-141-F

162126

Int. Cl. : F 27 b 21/00 + F 27 d 17/00.

AN IMPROVED METHOD FOR SINTERING AND AN IMPROVED APPARATUS FOR THE SAME.

Applicant : SUMITOMO HEAVY INDUSTRIES, LTD., OF 2-1, 2-CHOME, OHTE-MACHI, CHIYODA-KU, TOKYO, JAPAN.

Inventors : 1. TAKASHI FUTAKUCHI, 2. KIYOFUMI NAKAMURA, 3. YOSHIMASA SATO, 4. TOSHIO TSUKUDA, 5. HIROYUKI SHIRAIISHI.

Application No. 1425/Cal/83 filed November 18, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

An improved method for sintering a charge mixture of ore, solid fuel and flux by means on-strand type sintering apparatus (20) which includes : a sintering zone having a plurality of wind boxes (16) and a cooling zone extending just downstream of said sintering zone and having a plurality of wind boxes (16), comprising :

a first step of exchanging the heat of still hot waste gases coming from the wind boxes (164) belonging to both the intermediate stage and at least a portion of the final stage of said cooling zone with cold water to recover said heat thereby to heat said cold water into hot water; and

a second step of exchanging the heat of the hot waste gases coming directly from the wind boxes (163) belonging to a mixed zone consisting of the final stage of said sintering zone and the front stage of said cooling zone with the hot water, which has been heated at the first-named heat exchanging step, to recover the second-named heat thereby to heat said hot water into steam;

whereby the heat generated by the sintering action of a charge mixture of ore, solid fuel and flux can be efficiently recovered as said steam from sintered ore product, and whereby sulfur oxides, which are carried in the hot waste gases having passed through both the wind boxes (163) belonging to the final stage of said sintering zone and to the front stage of said cooling zone, can be maintained at a relatively high temperature during the second-named heat exchanging step by the hot water, which has recovered the heat of said still hot waste gases, so that said sulfur oxides can be prevented from condensing in the form of droplets of sulfuric acid while ensuring substantially corrosion-free operation of the second-named heat exchanging step.

Compl. specn. 26 pages.

Drg. 4 sheets

CLASS : 46-C

162127

Int. Cl. : G 01 f 7/00.

A LIQUID BULK VENDING APPARATUS.

Applicant : RAM PRAKASH ANEJA, RAJGHARIA MANSION, 11/1 RAWDON STREET, CITY OF CALCUTTA, STATE OF WEST BENGAL, INDIA

Inventors : 1. PRITIDAS BABANI RAUT, 2. MUTHUSAMY SUNDARAMURTHY, 3. GONTU BYRAGI BASKARA RAO, 4. YELAHANKA KESHAVAMURTHY PRASANNA.

Application No. 25/Cal/84 filed January 10, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A liquid bulk vending apparatus comprising :

a vessel for the liquid;

an electric probe assembly fitted to one end of the vessel;

said assembly comprising at least two probes, one a low level probe extending to the level of the liquid when the apparatus is not under operation and the other high level probe extending to the level of the predetermined volume of liquid to be vended;

an electro-magnetically operable valve in the inlet to the vessel from a bulk container and a second electro-magnetically operable valve in the outlet of the said vessel;

the two probes being connected in control circuits of the inlet valve and the outlet valve for effecting their opening and closure.

Compl. specn. 7 pages.

Drg. 1 sheet

CLASS : 33-D.

162128

Int. Cl. : B 22 c 5/00.

PROCESS FOR THE TREATMENT OF FOUNDRY SANDS ESPECIALLY FOR THE RECOVERY OF CHROMITE AS WELL AS PLANT INSTALLATION OR THE FULFILMENT OF THE PROCESS.

Applicant : CENTRE STEPHANOIS DE RECHERCHES MECHANIQUE HYDROMECHANIQUE ET FROTTEMENT, RUE BENOIT FOURNEYRON, SOUTH INDUSTRIAL ZONE, 42166 ANDREZIEUX BOUTHEON, FRANCE.

Inventors : 1. MONSIEUR BATTLE GARBIEL, 2. MONSIEUR BONNEL YVES.

Application No. 213/Cal/85 filed March 22, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

Method of treatment of used foundry sands, the treatment comprising recovery of expensive chromite from silica, characterized in that after the molding of the pieces and their removal from the molds which have been broken off, the mixture resulting from the stripping off is recovered in a first cycle, and stored, then forwarded from the storage location to an intermediary container, said mixture being passed from the intermediary container to a granulometric separator device with sieve permitting the mixture to be separated in a plurality of batches being brought out a vibratory separating table separating chromite from silica for each batch, with recovery in containers of the chromite on the one hand and the silica on the other hand.

Compl. specn. 17 pages.

Drg. 3 sheets

CLASS : 62-B, C₁ & D

162129

Int. Cl. : D 01 f 11/00.

A METHOD FOR PRODUCING AN IMPROVED SYNTHETIC FIBER HAVING IMPROVED PROPERTIES.

Applicant : CRUCIBLE CHEMICAL COMPANY, AT PERIMETER ROAD, DONALDSON CENTER, P.O. BOX 29606, GREENVILLE, SOUTH CAROLINA 29605, UNITED STATES OF AMERICA.

Inventors : 1. ROBERT BUCHANAN WILSON.

Application No. 309/Cal/86 filed April 21, 1986.

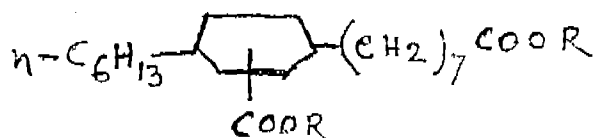
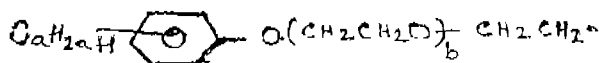
Division of Application No. 1112/Cal/81 dated 3rd October, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method for producing an improved synthetic fiber having improved properties consisting of reduced heat history characteristics, reduced degree of crystallinity, capability being texturized at a reduced temperature and capability of absorbing dye at a reduced temperature comprising applying in a manner as described herein to the fiber to a pick-up of 0.4-0.75% by weight of a composition comprising cyclo-aliphatic diester of the formula shown in Fig. 4D of the accompanying drawings.

wherein R is straight or branched chain alkyl of 4-20 carbon atoms, polyoxyalkylene of the formula HO(CH₂CH₂O)_nCH₂CH₂-, HO(C₃H₆O)_nC₃H₅-, HO(CH₂CH₂O)_p(C₃H₅)_qC₃H₅- or HO(C₃H₆O)_p(C₂H₄O)_qC₂H₄- or phosphated polyoxyalkylene, wherein n is 2-22 and the sum of p+q is n; a high boiling aromatic ester of the formula ArCOO-R₁ 1-OOCAr or ArCOOR₂, wherein Ar is a monocyclic aryl of up to 10 carbon atoms; R₁ is alkylene of 2-8 carbon atoms or polyoxyalkylene of the formula -CrH_{2r}(O-CrH_{2r})_s in which r is 2 or 3 and s is up to 15; and R₂ is alkyl or alkenyl of 8-30 carbon atoms; and a dyelevelling agent of the formula R₃COOR₄, wherein R₄ is an ethoxylated alkylphenol residue of the formula shown in Fig. 3C of the drawings.



a is 0-12 and b is 1-24 or an ethoxylated alkanol residue of the formula CH₃(CH₂)_c-o-(CH₂CH₂O)_dCH₂CH₂-, c is 7-22 and d is 1-24 and wherein R₃ is linear or branched alkyl of 1-21 carbon atoms, phenyl or tolyl, wherein the ratio of cycloaliphatic diester to high boiling aromatic ester is 0.1 : 1 to 2 : 1 where in the combination of cycloaliphatic diester and high boiling aromatic ester constitutes 10-90% by weight of the composition and texturing the thus-coated fiber at 180-230° C.

Compl. Specn. 41 pages.

Drg. 2 sheets.

Class. 32-E.

162130

Int. Cl. C 08 f 3/00, 3/04 + 15/00.

IMPROVED CONTINUOUS PROCESS FOR THE MANUFACTURE OF HOMOPOLYMERS OF ETHYLENE OR COPOLYMERS OF ETHYLENE WITH AT LEAST ONE α -OLEFIN.

Applicant : SOCIETE CHIMIQUE DESCHARBONNAGES S.A., OF TOUR AURORE-PLACE DES REFLETS, 1-92080 PARIS LA DEFENSE, CEDEX 5, FRANCE.

Inventors :

1. MACHON JEAN-PIERRE.
2. BUJADOUX KAREL,
3. RISBOURG VICTOR.

Application No. 573/Cal/87 filed August 27, 1978.

Division of Application No. 1558/Cal/83 dated 21st December, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Continuous process for the manufacture of homopolymers of ethylene or of copolymers of ethylene with at least one α -olefine containing from 3 to 8 carbon atoms, comprising in succession :

- (a) a first stage for homopolymerising ethylene or (co) polymerising ethylene with at least one α -olefin at a temperature of between 180 and 320°C, at a pressure of between 300 and 2,500 bars, in the presence of a catalytic system comprising, at least one halogenated compound of a transition metal from groups IVa to VIa of the Periodic system and at least one activator selected from the hydrides and the organometallic compounds of metals of groups I to III of the Periodic system, the molar ratio of the activator to the transition metal compound being between 1 and 10.
- (b) a second stage for separating the homopolymer or (co) polymer formed from the unreacted monomer(s), at a pressure of between 100 and 500 bars.
- (c) a third stage for recycling the unreacted monomer(s), and
- (d) a fourth stage for recompression upto the polymerisation/(co) polymerisation pressures. (300 to 2,500 bars).

characterised by introducing by means known per se into the reaction medium at the end of the first stage, at least one compound selected from monoketones containing from 3 to 10 carbon atoms, diketones containing from 4 to 11 carbon atoms, monoalcohols containing from 1 to 14 carbon atoms, polyalcohols containing from 2 to 10 carbon atoms and water, the molar flow rate of the said compound being between 0.5 and 6 times the atomic flow rate of the transition metal or metals of the catalytic system, introducing, additionally, during the second and/or third stage, into the stream of recycled monomer(s) and, where applicable, of the (co) polymers formed, at least one compound selected from :

the amides of saturated or unsaturated organic acids containing from 12 to 22 carbon atoms,

polyalkylene polyols containing from 4 to 500 carbon atoms,

compounds such as the reindescribed containing at least 2 ipoxide functions,

wherein the quantity of said compound, introduced during said second and/or third stage, is between 0.001 and 0.1 mole per tonne of recycled monomer(s).

Compl. specn. 20 pages.

Drg. 2 sheets

CLASS : 116 G

162131

Int. Cl. : F 15 d 1/02.

DEVICE FOR THE ACCELERATION OF SOLID PARTICLES ENTRAINED IN A CARRIER GAS.

Applicant : ARBED S.A. OF AVENUE DE LA LIBERTE, L-2930 LUXEMBOURG. GRAND-DUCHY LUXEMBOURG.

Inventors : 1. FRANCOIS SCHLEMIER. 2. CLEMENT BURTON. 3. ANDRE BOCK. 4. JEAN PECKELS.

Application for Patent No. 155/Mas/84 filed on 12th March, 1984.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras-600 002.

7 Claims

A device for accelerating solid particles entrained in a carrier gas through a duct, the carrier gas adapted to flow at subsonic speeds, said duct comprising an exit section terminating at an opening, the said exit section of said duct has an initially converging cross-section to a construction point as herein before described whereupon said exit section cross-section diverges to said opening, the interior cross-section of said exit section varying from a nominal value to a larger value over at least 5 meters upstream from said opening whereby the velocity of said carrier gas increases at a rate as herein described and whereby the velocity of said solid particles substantially approaches the velocity of said carrier gas at said opening.

Compl. specn. 19 pages.

Drg. 2 sheet

CLASS : 145 F & 155 C

162132

Int. Cl. : D 06 m 11/00, 13/00.

A PROCESS OF MANUFACTURE OF COCONUT PITH SHEETS.

Applicant & Inventor : KOCHUZHATHIL MATHEW THOMAS AND KOCHUZHATHIL THOMAS MATHEW, BOTH OF 46 DACOSTA LAYOUT, COOKE TOWN, BANGALORE 560 084, KARNATAKA, INDIA, INDIAN NATIONALS.

Application No. 303/Mas/84 filed April 28, 1984.

Complete specification left on 29th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims

A process of manufacture of coconut pith sheets comprising :

- the steps of spraying or mixing cleaned dry coconut pith with CNSL adhesive to yield a furnish;
- the said adhesive being prepared by polymerising CNSL with phosphoric acid and neutralising with calcium hydroxide and adding paraformaldehyde and hexamine to the neutralised polymer;
- forming the furnish into mats of uniform thickness;
- pressing the mats without application of heat to yield cured sheets;
- trimming the sheets to the desired sizes and abrading the sides of the sheets, if necessary, to provide a smooth surface furnish.

Provisional specn. 7 pages.

Drg. Sheet Nil

Compl. specn. 9 pages

Drg Sheet Nil

CLASS : 145 D & C & 155 C

162133

Int. Cl. : D 21 j 1/00, 3/00.

A PROCESS FOR THE MANUFACTURE OF COCONUT PITH STRUCTURAL MEMBERS.
2 -7GI/88

Applicant & Inventor: (1) KOCHUZHATHIL MATHEW THOMAS AND (2) KOCHUZHATHIL THOMAS MATHEW, BOTH OF 46 DACOSTA LAYOUT, COOKE TOWN, BANGALORE 560 084, KARNATAKA, INDIA, INDIAN NATIONALS.

Application No. 304/Mas/84 filed April 28, 1984.

Complete specification left on 29th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 claims

A process of manufacture of coconut pith structural members such as boards or panels, comprising :

- the steps of spraying or mixing cleaned dry coconut pith with an adhesive such as urea formaldehyde to yield a furnish;
- forming the furnish into mats of uniform thickness;
- pressing the mats with the application of heat by a hot press for a period of 20 to 35 minutes under a pressure of 500 to 1000 tons and temperature of 110°C to 200°C to yield cured boards or panels;
- cooling the cured boards or panels before trimming the same to the desired sizes; and
- abrading the sides of the boards or panels, if necessary, to provide a smooth surface finish.

Provisional specn. 9 pages.

Drg. Sheet Nil

Compl. specn. 11 pages.

Drg. Sheet Nil

CLASS : 185 A&C.

162134

Int. Cl. A 23 f 3/00.

A ROTORVANE CONDITIONER FOR TEA LEAVES AND RECONDITIONED TEA DUST.

Applicant : CHIRANJILAL HARIPRASAD, 239, MOWBRAYS ROAD, MADRAS-600 018, TAMIL NADU, INDIA, INDIAN NATIONAL.

Inventors : (1) BALAKRISHNA SIVARAM AND (2) SUNDARAM RAMASWAMY.

Application No. 320/Mas/84 filed May 2, 1984.

Complete specification left on 2nd August, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

3 claims

A rotovane conditioner for the leaves and reconditioned tea dust comprising :

- a rotovane machine, at the outlet of which is provided a stationary sleeve;
- a truncated cone movable mounted axially on the shaft of the machine, the inner periphery of the sleeve having a grooved undulating surface while the external periphery of the cone also has a grooved surface;
- means such as herein described for moving the cone on the shaft axially in either direction to a desired position and arresting the same thereat, to enable the space between the external periphery of the cone and the undulating surface to be predetermined, whereby the leaf and dust entering the said space are simultaneously subjected to a asserting effect and intimate mixing, resulting in the discharge of a mixture of leaf and dust of uniform consistency from the sleeve.

Provisional specification 4 pages. Drgs. nil.

Complete Specification 5 pages; Drgs. sheet nil.

CLASS 129-F.

162135

CLASS : 32 F 3 c, D.

162137

Int. Cl. B 23 f 17/00.

A MACHINE FOR CUTTING THE TEETH OF A RACK.

Applicants & Inventors : ARTHUR ERNEST BISHOP, AN AUSTRALIAN CITIZEN, OF 17, BURTON STREET, MOSMAN, NEW SOUTH WALES, COMMONWEALTH OF AUSTRALIA AND KLAUS JUERGEN ROESKE, A WEST GERMAN CITIZEN, OF 54, PONYARA ROAD, BEVERLY HILLS, NEW SOUTH WALES, COMMONWEALTH OF AUSTRALIA.

Application No. 528/Mas/84 filed July 20, 1984.

Convention date : July 21, 1983; (No. PG-0399/83; Australia).

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

5 claims

A machine for cutting the teeth of a rack for a variable ratio rack and pinion steering gear employing a helical pinion having a plurality of identical teeth engaged with a rack having some tooth gaps of varying form and angular disposition to the rack axis said machine comprising a spindle adapted to carry a tool with a single cutting tooth having cutting edges which lie on the surface of a single tooth of said helical pinion, said spindle being arranged for helical reciprocation in a housing between two predetermined limits about a mid position in which said tool is directed normally to the plane of the teeth of said rack, a rack holding fixture and means for moving said fixture or said housing with relative transitory curvilinear motion during the cutting of a gap of said rack said motion for any one said gap being a part of the locus of said helical pinion when slid without rotation in the same said gap of said rack.

Compl. Specn. 17 pages; Drgs. 5 sheets.

CLASS : 49-E.

162136

Int. Cl. A 47 j 45/07.

Applicant : ORIENTAL APPLIANCES (P) LIMITED, VICTORIA CRESCENT, MADRAS-600 105, TAMIL NADU, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors : (1) DODLA SUDHAKAR (2) VICTORIA CRESCENT.

Application No 561/Mas/84 filed August 1, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

2 claims

A detachable handle for a utensil, wherein the utensil has at least one lifting lug together with at least one downwardly facing cavity provided at the side, comprising a stem one end of which is fixed to a grip, the other end thereof being formed into at least one hook, while a part of the stem between the hook and the grip is formed into a crook, the hook and the crook being so spaced apart that with the hook located in the said cavity, the lug is receivable in the crook, thereby providing leverage for lifting and carrying the utensil by the grip.

Compl. Specn. 4 pages; Drg. 1 sheet.

Int. Cl. : C 07 c 27/00, 35/00, 49/26.

A PROCESS FOR THE CONTINUOUS PREPARATION OF THE MIXTURES OF CYCLOALKANOLS AND CYCLOALKANONES.

Applicant : BASF AKTIENGESSELLSCHAFT, A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF FEDERAL REPUBLIC OF GERMANY OF D-6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventor : 1. JUERGEN HARTIG, 2. GUNTER SCHMUCH, 3. ARMIN STOESEL, 4. GUNTER HERMANN, 5. ARTHUR BRUNNER, 6. PETER ZEHNER, 7. OTTO-ALFRED GROSSKITSKY.

Application No. 570/Mas/84 filed on 4th August 1984.

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972), The Patent Office Branch, Madras-600 002.

5 Claims

A process for the continuous preparation of the mixture of cycloalkanols by oxidizing cycloalkanones where the ring is of 5 to 12 carbon atoms in the liquid phase with a gas containing from 5 to 30%, by volume of molecular oxygen, the remainder being inert at a temperature of from 100 to 180°C and under a pressure of from 5 to 30 bar, wherein said gas is fed into the liquid reaction mixture in a downward direction at several points along the reaction zone via nozzle apertures, so as that it emerges at each nozzle aperture at a velocity of from 0.01 to 1m/sec in an amount of from 0.001 to 10 liters per second per nozzle aperture and the said reaction mixture is thereby brought into substantially intimate contact with said gas containing molecular oxygen, over the volume of the reaction zone and the reaction mixture and out-gas being released from the reaction zone.

Compl. Specn. 13 pages. Drg. 1 sheet.

CLASS : 107 G.

162138

Int. Cl. : F 02 f-5/00.

A PISTON ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE AND A METHOD OF MAKING IT.

Applicant : AE PLC, A BRITISH COMPANY OF CAWSTON HOUSE, CAWSTON RUGBY, WARWICKSHIRE, CV22 7SB, ENGLAND.

Inventor : BRAIN LEONARD RUDDY.

Application No. 572/Mas/84 filed on August 4, 1984.

Convention date 4th August 1983.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

5 Claims

In a piston assembly for an internal combustion engine wherein the said piston has at least one piston ring, the improvement being that the said piston ring is made of known conformable non-metallic material such as known tough crystalline thermoplastic material, the said piston ring having spring means incorporated radially between the inner end thereof and the associated piston ring groove and wherein the expansion pressure of the said piston ring against the associated cylinder or liner is between 0.01 to 1.50 Mu/M.

Complete Specification 24 pages

Drgs. 4 sheets

CLASS : 25-B

162139

Int. Cl. : B 28 b 1/00 & E 04 c 1/00.

A METHOD OF MANUFACTURE OF BRICKS FROM PHOSPHOGYPSUM.

Applicant : SOUTHERN PETROCHEMICAL INDUSTRIES CORPORATION LIMITED, 97 MOUNT ROAD, MADRAS-600 032. TAMIL NADU, INDIA, AN INDIAN COMPANY.

Inventor : GOPALKRISHNAMURTHY & GANGADARAN ELAMVALUTHI.

Application No. 575/Mas/84 filed August 6, 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

A method of manufacture of bricks from phosphogypsum comprising the steps of calcining phosphogypsum in a dry state at a temperature of 150°C to 170°C for 1 to 3 hours to reduce the same to its hemihydrate from characterised by adding 0.05% to 3.5% of a retarder consisting an organophosphonate compound to the calcinated phosphogypsum before grinding the same; mixing the resulting ground mass with 50%-60% water together with upto 33% of phosphogypsum dihydrate and upto 50% of sand; and casting the same in moulds to the desired shapes before drying the same.

Compl. Specn. 6 pages.

CLASS : 35 D & 25 B

162140

Int. Cl. : B 28 c 5/00.

A PROCESS OR PREPARATION OF A PLASTER COMPOSITION FROM PHOSPHOGYPSUM.

Applicant : SOUTHERN PETROCHEMICAL INDUSTRIES CORPORATION LTD., 97, MOUNT ROAD, MADRAS-600 032. TAMIL NADU, INDIA, AN INDIAN COMPANY.

Inventors : (1) GOPALAKRISHNAMURTHY AND (2) GANGADARAN ELAMVALUTHI.

Application No. 577/Mas/84 filed August 6, 1984.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A process of preparation of a plaster composition from phosphogypsum comprising the step of washing phosphogypsum with a surfactive solution such as herein described to remove impurities, residual acidity/Alkalinity and organic matter; drying the washed phosphogypsum at 150°C to 180°C for 1 to 3 hours to reduce it to its hemihydrate from characterised by adding 0.05% to 3.5% of an organophosphonate retarder to the phosphogypsum in its hemihydrate form and grinding the same to a homogenous mass; and mixing the said mass with 70% to 80% of water to render it castable in moulds.

Complete Specification 7 pages.

Drg. Sheet Nil

CLASS : 206-E.

162141

Int. Cl. : G 05 b 17/00.

A SINGLE-LINE SELECTIVE PERFORATING SYSTEM.

Applicant : SCHLUMBERGER LIMITED, AT 277 PARK AVENUE, NEW YORK, NEW YORK 10172.

Inventors : 1. ERNESTO E. BORDON, 2. JOSEPH E. CHAPMAN.

Application No. 827/Cal/83 filed July 2 1983.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A single-line selective perforating system for selectively detonating the charges in a plurality of firing modules, one at a time, comprising :

(a) a control unit operatively connected to the modules by a single firing line which carries both power and control signals between said control unit and the modules; and

(b) a plurality of selectable firing modules vertically connected one to another to form an elongated assembly suitable for lowering into a well borehole, the assembly including said control unit, with each module,

(i) containing at least one charge and where each module is adapted to be automatically connected one at a time to the firing line in a predetermined sequence to receive power therefrom, and

(ii) in response to receipt of power on the firing line, is adapted to internally generate a module active time interval during which the module and its charge may be selected for firing by said control unit, each module not selected for firing during its active time interval automatically connecting the firing line to the next module in the sequence.

Compl. Specn. 42 pages.

Drg. 5 sheets

CLASS : 50-E.

162142

Int. Cl. : F 25 b 39/02.

DRYING PROCESS AND ITS APPARATUS UTILIZING REFRIGERATION CYCLE.

Applicant : SHONETSUGAKU KENKYUSHO CO., LTD., OF 12-3, KITASHINAGAWA 5-CHOME, SHINAGAWA-KU, TOKYO 141, JAPAN.

Inventor : SHIICHIRO UCHIDA.

Application No. 1347/Cal/83 filed November 2, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A drying apparatus utilising a refrigeration cycle which comprises a drying chamber, having heat insulating walls; a housing disposed within the drying chamber, the housing having heat insulating walls, an air inlet, formed in one of the walls, and an air outlet, the inlet and outlet connecting the interior of the housing with the interior of the drying chamber; a refrigeration system including an evaporator, the evaporator being contained in the housing together with a heat exchanger, an air flow path, being defined within the housing, extending from the air inlet through

the hot pass of the heat exchanger, thence past the evaporator in heat exchanger relationship therewith, thence through the cold pass of the heat exchanger, and thence to the air outlet; and means for causing a flow of air from the interior of the drying chamber to flow into the air inlet and along the air flow path within the housing to the air outlet and thence back into the interior of the drying chamber.

Compl. Specn 19 pages.

Drg. 6 sheets

CLASS : 206E.

16243

Int. Cl. : H 04 I 13/10.

A MAIN DISTRIBUTOR FOR OPTICAL FIBER LINES AND SMALL BOND AND/OR WIDE BOND SERVICE LINES.

Applicant : KRONE AKTIENGESELLSCHAFT, BEES-KOWDAHM 3-11, 1000 BERLIN 37, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. DR. JENS WEBER, 2. JOHANNES ESSER.

Application No. 1392/Cal/83 filed November 14, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A main distributor for optical fibre lines and narrow band and/or wide band service lines which distributor affords a function between the load lines which joint together from all directions of a net work communication means, characterized in that the optical main distributor comprises an electrical switching network (1) allocating multiplexing means including 64 Kbit/s-channels to a PCM 30 system and allocating a PCM 30-system to a PCM 1920—system for the duration of a connection, and a second optical switching network (2) being connected in succession and controlling a plurality of opto-electrical converters (o/e) as well as a plurality of lambda-multiplexing means (MUX) which are also allocated to a connection for the duration of a communication, whereby a sequential switching of the switching networks (1, 2) is used to connect the optical terminal lines (Asls) with the terminals of different wide band and narrow band exchange systems (BB, SB).

Compl. Specn. 8 pages.

Drg. 4 sheets

CLASS : 153

162144

Int. Cl. : B 24 b 3/00; B 24 d 15/08.

A KNIFE SCABBARD.

Applicant : WILTSHIRE CONSOLIDATED LIMITED, OF 36 ALBERT ROAD, SOUTH MELBOURNE, 3205 VICTORIA, AUSTRALIA.

Inventor : PETER BADEN FARRER.

Application No. 1448/Cal/83 filed November 24, 1983.

Convention dated 24th November, 1982 (PF 6956) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

A knife scabbard comprising an elongate housing having a knife receiving passage therein, tip and bottom walls of said housing forming upper and lower extremities respectively a said passage, a latch device at a front end of said top wall and forming a forward continuation of that wall, an access opening for said passage at the front end of said latch device, means connecting said latch device to said housing for relative pivotal movement about an axis which extends transverse to said passage and is located adjacent said top wall front end, a carrier member positioned between said latch device and said bottom wall and being at least partially located within said passage and extending lengthwise thereof, a sharpening device mounted on said carrier member at location adjacent said access opening such that it is engagable by a knife blade extending through said opening, a pivotal mounting for said carrier member having its axis extending transverse to said passage at a location such that it will intersect with a knife blade located in said passage, the pivot axis of said carrier member being located closer to said top wall than said bottom wall and being at an end of said carrier member which is spaced inwardly of said passage from said latch device pivot axis, and biasing means urging said carrier member about the pivot axis thereof to move said sharpening device towards said top wall.

Compl. Specn. 17 pages.

Drg. 3 sheets

OPPOSITION PROCEEDINGS

An Opposition entered by M/s. Piaggio & CSPA Italy to the grant of a Patent on application No. 159082 made by M/s. Bajaj Auto Limited, Pune as notified in the Gazette of India, Part III, Section 2 dated 17th October, 1987 has been successful as the application is treated as abandoned.

PATENTS SEALED

152448 156167 156168 156264 156328 156707 158591 158606
158607 158720 158754 158757 158798 158816 158829 158898
158904 158980 158982 158983 158984 158985 159010 159012
159019 159080 159249 159421 159559 159567

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Westinghouse Electric Corporation, of Westinghouse Building, Gateway Centre, Pittsburgh, Pennsylvania 15222, United States of America, a Corporation organised and existing under the laws of the State of Pennsylvania, United States of America have made an application under Section 587 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 160870 for "electric Circuit breakers". The amendments are by way of disclaimer. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall lapse within one month from the date of filing the said notice.

RENEWAL FEES PAID

139859 140390 141176 141316 141588 142615 143061 143656
 143960 144276 145278 145675 146604 146675 146878 146951
 147017 147238 147264 147266 147307 147309 147370 147418
 147474 147598 147728 147729 147937 148029 148086 148678
 149098 149208 149241 149394 149545 149691 149734 149835
 149874 150049 150074 150134 150230 150269 150423 150454
 150458 150461 150635 150967 151040 151131 151256 151272
 151278 151622 151663 151629 151759 152019 152181 152645
 152756 152965 153029 153132 153314 153592 153629 153633
 153698 153814 154007 154260 154528 154621 154681 154715
 154752 154768 154776 154777 154863 154976 155225 156006
 156066 156079 156115 156139 156173 156332 156341 156343
 156375 156421 156492 156582 156623 156624 156749 156750
 156752 156802 156917 156966 157182 157345 157346 157347
 157423 157450 157620 157626 157642 157726 157823 158014
 158036 158086 158113 158117 158118 158119 158131 158132
 158133 158135 158136 158137 158139 158177 158186 158200
 158204 158229 158243 158244 158246 158247 158262 158287
 158353 158387 158406 158409 158414 158497 158555 158634
 158636 158637 158718 158725 158749 158755 158764 158779
 158785 158787 158805 158832 158833 158919 158993 159028
 159084 159087 159096 159309 159684

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911

The date shown in the each entry is the date of registration of the design included in the entry

Class. 1. No. 158764. Sven Hellestam, of Kaserigatan 2, S-42242 Hisings-Bäcka, Sweden, and Otto Linander of Kungsholmsgatan 1, S-411 20 Gotteborg, Sweden, both of Swedish Nationality. "Bicycle". 3rd September, 1987.

Class. 1. No. 158820. The Gillette Company, a company organised and existing under the laws of the State of Delaware, United States of America, of Prudential Tower Building, Boston, State of Massachusetts 02199, United States of America, Manufacturers. "Razor Handle". 18th September 1987.

Class. 1. No. 158830. Home Machines Private Limited, an Indian Company of 9/46, Kirti Nagar Ind. Area, New Delhi-110015, India and George Kiran Pillai, an Indian National, also of the above address. "Emergency Light & Fan Unit". 22nd September, 1987.

Class. 1. No. 158738. Kamalakar Mahadeo Lal, Indian National, whose address is and at Post Kotavada Taluka and Dist., Ratnagiri. (Maharashtra), India. "Umbrella Frame". 25th August, 1987.

Class. 1. No. 158752. Suraj Industries, 31-Galaxy Comm. Centre, Jawahar Road, Rajkot-360 001 (Gujarat India), a regd. Partnership firm. "Domestic Flour Mill". 31st August, 1987.

Class. 3. No. 158698. Messrs. Universal Utilities, a firm registered under the Indian Partnership Act, 1932 at G-20 'EVEREST'. 156, Tardeo Road, Bombay-400 034, State of Maharashtra, India. "Roller Shade". 20th August, 1987.

Class. 3. No. 158549. M. K. Electric Limited, a British Company, of Shrubbery Road, Edmonton, London, N9 OPB, England. "an Electric Switch Socket". 17th July, 1987.

Class. 3. Nos. 158704, 158705. Bullworker Private Limited, an Indian company of 15 Mathew Road, Bombay-400 004, Maharashtra, India. "a Game Board". 20th August, 1987.

Class. 3. No. 158714. Messers B. R. Plastics, 314, A to Z, Industrial Estate, 3rd Floor, Fergusson Road, Bombay-400 013, (A registered Partnership concern) Maharashtra India. "Tooth Comb". 21st August, 1987.

Class. 3. Nos. 158717, 158718. Digital Equipment Corporation, a Massachusetts Corporation whose principal Place of business is 146 Main Street, Maynard, Massachusetts, 01754 U.S.A. a "Video Terminal" 21st August, 1987.

Class. 3. No. 158719. International Business Machines Corporation, a Corporation organised and existing under the laws of the State of New York, United States of America, of Armonk, New York 10504, United States of America. An "Electronic Data Processor". Reciprocity date is 1st April, 1987 (U.K.)

Class. 3. No. 158784. The Goodyear Tire and Rubber Company, a corporation organised under the laws of the State of Ohio, with offices at 1144 East Market Street, Akron, Ohio 44316-0001, United States of America. "Tyre for a vehicle wheel". 10th September, 1987.

Class. 3. No. 158822. Clearline Home Appliances (P.) Limited, MIG-II, Sector-3-Parwanoo, Himachal Pradesh, India, an Indian Company, "Home Soda Maker". 18th September, 1987.

Class. 3. No. 158882. N. V. Philips' Gloeilampenfabrieken, a limited liability company organised and established under the laws of the Kingdom of the Netherlands, carrying on business as Manufacturers at Groenewoudseweg 1, Eindhoven, The Netherlands "Ice Cream Maker". 6th October, 1987.

Class. 3. No. 158886. Milton Plastics, a registered Indian Partnership firm, registered under the Indian Partnership Act, 1932, having office at 202/203, Raheja Centre, 214, Nariman Point, Bombay 400021, Maharashtra, India. "Flower Vase". 7th October, 1987.

Class. 3. No. 158888. Milton Plastics, a registered Indian Partnership Firm registered under the Indian Partnership Act, 1932, having office at 202/203, 'Raheja Centre', 214, Nariman Point, Bombay 400021, Maharashtra, India. "Container". 7th October, 1987.

Class. 3. No. 158913. Jayna Plastic Works, E/2/252, Gali No. 8, Shastri Nagar, New Delhi-110052, India. an Indian Proprietorship Concern. "Chilly Grater". 12th October, 1987.

Class. 3. No. 158981. Advert Pen (Mfg.) Company of 103, Bussa Heavy Industrial Estate, Hanuman Lane, Lower Parel, Bombay-400013, Maharashtra, India. a sole Proprietorship concern. "Pen". 29th October, 1987.

Class. 3. No. 159098. Lego A/S., a Danish Company, of Aastvej 1, DK-7190 Billund, Denmark. a "Toy Aircraft". 2nd December, 1987.

Class. 4. No. 158676. Ganga Narayan Ghosh, Indian National carrying on business at 6, Sheetal Palace, 1st Road T.P.S. IV, Bandra (West), Bombay-400 050, State of Maharashtra, India in the name of plant & Piping. "Purival Emptying Garbage Bin". 14th August, 1987.

R. A. ACHARYA

Controller General of Patents, Designs
and Trade Marks